

ABSTRACT OF THE DISCLOSURE

An oscillator produces a signal. A voltage generating circuit is responsive to the output signal of the oscillator to generate a second voltage different from a first voltage. A voltage detecting circuit detects the output voltage of the voltage generating circuit and outputs an output voltage corresponding to the second voltage. A comparator makes a comparison between the output voltage of the voltage detecting circuit and a reference voltage with each cycle of the output signal of the oscillator and controls the operation of the voltage generating circuit.